IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No. 5,540,938 Application No. 08/328,165

Issued: July 30, 1996 Filling Date: October 24, 1994

Patentee: Joseph G. Masterson et al. Attorney Docket No. 12952-033-999

For: FORMULATIONS AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISEASES

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

ATTN: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir

Pursuant to Manual of Patent Examining Procedure §§ 1481 and 1481.03(II)(A) (8th ed., rev. 8, 2010) [hereinafter MPEP], Patentee respectfully requests issuance of a Certificate of Correction in connection with the above-identified patent. Enclosed please find the errors, as they appear in the patent, in the attached form PTO/SB/44, as follows:

On the face page of the patent, in the Related U.S. Application Data section (item [62]), cancel the text reading "Division of Ser. No. 786,400, Nov. 1, 1991, abandoned, and a division of Ser. No. 73,651, Jun. 7, 1993, Pat. No. 5,370,879" and insert the following text:

--Division of Ser. No. 73,651, Jun. 7, 1993, Pat. No. 5,370,879, which is a continuation of Ser. No. 786,400, Nov. 1, 1991, abandoned.--

Column 1, line 5, cancel the text beginning with "This is a divisional" to and ending "U.S. Pat. No. 5,370,879." in column 1, line 7, and insert the following text:

--This is a divisional of Ser. No. 08/073,651, filed Jun. 7, 1993, now U.S. Pat. No. 5,370.879, which is a continuation of Ser. No. 07/786,400, filed Nov. 1, 1991, now abandoned,--

NYI-4393277vI -1-

Patentee asserts that the proposed correction meets the statutory requirements for certificate of correction, in that it is of a typographical or clerical nature and does not constitute new matter or require reexamination. See MPEP § 1481. Furthermore, the proposed correction meets the requirements set forth in MPEP § 1481.03(II)(A) for using a certificate of correction to correct a 35 U.S.C. § 120 priority claim in applications filed before November 29, 2000.

Specifically, MPEP § 1481.03(II)(A) states that a certificate of correction can be used to correct an incorrect reference to a prior copending application pursuant to old rule 37 C.F.R. §§ 1.78(a)(2) and (a)(4) if the following conditions are met:

(A) for 35 U.S.C. 120 priority: all requirements set forth in 37 CFR 1.78(a)(1) must have been met in the application which became the patent to be corrected; (B) for 35 U.S.C. 119(e) priority, all requirements set forth in 37 CFR 1.78(a)(3) must have been met in the application which became the patent to be corrected; and (C) it must be clear from the record of the patent and the parent application(s) that priority is appropriate.

Patentee asserts that all of the above conditions are met.

Regarding condition (A), all requirements set forth in old rule 37 C.F.R. § 1.78(a)(1) were met in the application which became the subject patent. Specifically, applications nos. 08/073,651 and 07/786.400 and the instant patent to be corrected all name Joseph G. Masterson and Michael Myers as inventors, thus satisfying the inventorship overlap requirement of old rule 37 C.F.R. § 1.78(a)(1). Furthermore, the priority applications disclose the named inventors' invention in at least one claim of the application issuing as the instant patent in a manner provided by the first paragraph of 35 U.S.C. § 112 (the respective specifications are substantially identical). Finally, each priority application as filed was complete under 37 C.F.R. § 1.51(b). See Application Transmittal Form (37 C.F.R. § 1.62) in app. no. 08/073,651 dated June 7, 1993 [attached hereto as Exhibit A], at page 1; New Application Transmittal in app. no. 07/786,400 dated November 1, 1991 [attached hereto as Exhibit B], at page 1.

The requirements of condition (B) are not relevant, since priority is not claimed under 35 U.S.C. § 119(e).

Regarding condition (C). Patentee submits that it is clear from the record of the patent and the priority applications that priority is appropriate. In the first instance, the transmittal paper for the application which became the subject patent specifically states that the application

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¹ MPEP § 1481.03(II)(A) relates to correction as to 35 U.S.C. §§ 120 and 119(e) benefits in applications filed before November 29, 2000, and notes that the version of 37 C.F.R. § 1.78 which was in effect as of November 29, 2000 applies. This version of § 1.78 is referred to herein as "old rule 37 C.F.R. § 1.78."

is a divisional of parent application no. 08/073,651. See Transmittal of Filing Under 37 CFR 1.60(b) dated October 21, 1994 [attached hereto as Exhibit C], at page 1. Indeed, the § 120 priority claim at page 4 of Exhibit C states this relationship correctly. Furthermore, parent application no. 08/073,651 itself clearly in turn is a continuation of grandparent application no. 07/786,400, as evidenced by Exhibit A, at page 1 (the box labeled "continuation" is checked). ² See also U.S. Patent No. 5,370,879, issued from application no. 08/073,651, at its face page [attached hereto as Exhibit D] (indicating that the patent is a "Continuation of Ser. No. 786,400, Nov. 1, 1991"). Thus, the record makes clear that the application which became the subject patent is actually a divisional of application no. 08/073,651, which in turn is a continuation of application no. 07/786,400.

This error in the priority claim (set forth at page 4 of Exhibit C), specifically in incorrectly identifying the prior application, occurred in good faith.

Patentee provides herewith the fee for providing a correction of applicant's mistake under 37 C.F.R. § 1.20(a) estimated to be \$100, to be charged to Jones Day Deposit Account No. 50-3013.

Accordingly, Patentee respectfully requests issuance of the attached Certificate of Correction. Should any additional fees be required, the Commissioner is authorized to charge such fees to Jones Day Deposit Account No. 50-3013.

Respectfully submitted,

Date: April 11, 2012

Adriane M. Antler

JONES DAY

222 East 41st Street

New York, New York 10017

(212) 326-3939

NYI-4393277v1 -3-

Old rule 37 C.F.R. § 1.62 provided for a "file wrapper continuation." which was essentially a continuation, divisional, or continuation-in-part of an application that uses the specification, drawings, oath or declaration, and file wrapper and contents, of its parent application to constitute the new application, and the rule specifies that the parent application is abandoned upon filing the new application.

EXHIBIT A



9260,00 101 A FW 18/373651 44/2/2

APPLICATION TRANSMITTAL FORM (37 C.F.R. § 1.62)

ATTORNEY	DOCKET NO .:	93.1806C.US

1.0			
APPLICATION:	CLASSIFICATION OF THIS	PRIOR APPLICATION:	
CLASS: SUBCLASS:		EXAMINER:	ART UNIT:
424		C. Azpuru	1502

To the Commissioner of Patents and Trademarks

Box FWC

Washington, D.C. 20231

This is a request for filing a [] continuation-in-part, [X] continuation, [] divisional application under 37 CFR § 1.62, of prior application Serial No. 07/786,400, filed on November 1, 1991, entitled "Formulations and their use in the treatment of

neurological diseases" by the following named inventor(s). FULL NAME FAMILY NAME: FIRST GIVEN NAME: SECOND GIVEN NAME: OF INVENTOR Masterson Gerard STATE OR FOREIGN COUNTRY OF RESIDENCE & CTTIZENSHIP CITIZENSHIP: Ireland POST OFFICE ADDRESS STATE & ZIP CODE/COUNTRY: ADDRESS 33 Rosaville Road London SW6 7BN ПK FULL NAME FAMILY NAME: FIRST GIVEN NAME: SECOND GIVEN NAME: Myers Michael RESIDENCE & STATE OR FOREIGN COUNTRY OF CITIZENSHIP CITIZENSHIP Ireland Ireland POST OFFICE ADDRESS: STATE & 71P ADDRESS CODE/COUNTRY:

The above-identified prior application in which no payment in the issue fee, abandonment of, or termination of proceedings has occurred, is hereby expressly abandoned as of the filing date of this new application. Please use all the contents of the prior application file wrapper, including the drawings, as the basic papers for the new application.

Athlone

Ireland

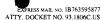
(Note: 37 C.F.R. § 1.60 may be used for applications where the prior application is not to be abandoned.)

- 1. [] Enter the amendment previously filed on _____ under 37 C.F.R. $\S = 1.116$ but unentered, in the prior application.
- 2. [X] A preliminary amendment will be filed under separate cover.

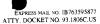
71. Retreat Park

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The filing fee is calculated on the basis of the claims existing in the prior application as				
amended at 1 and 2 at		f the claims exist	ing in the prior ap	plication as
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS INDEPENDENT	45 - 20 =	0	X \$22.00	\$550.00
CLAIMS	2 - 3 =	0	X \$74 00	\$ -0-
MULTIPLE DEPENDENT CLAIM(S) (IF APPLICABLE) = 0 + \$230.00			S-0-	
BASIC FEE =			\$710.00	
TOTAL OF ABOVE CALCULATIONS = REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (NOTE 37 CFR §§ 1.9, 1.27,			\$1,260.00	
1.28) IF APPLICABLE, A	FFIDAVIT MUST BE	FILED ALSO.	CFK 99 1.9, 1.27,	s
TOTAL FEE =				\$1,260.00
 [X] The Commiss credit any overpayme attached. 				
4. [X] A check in the	amount of \$1,260	.00 is enclosed.		
5. [] A new oath or which discloses and c			dication is a conti	nuation-in-part
6. [] Amend the spe			line the sentence	:
This application is a [Serial No. 07/786,40), filed November	1, 1991 <i>, "LOW O</i>	unasus	
7. [] A verified state	ement claiming sma	all entity status ur	der 37 C.F.R. §1	.9 and §1.27
[] is enclosed				
[] was filed in the prior application and such status is still proper and desired (37 C.F.R. § 1.28(a)				
8. [X] Priority of application Serial No. 3952/90 filed on February 11, 1990 in Ireland is claimed under 35 U.S.C. § 119.				
9. [X] The prior app	lication is assigned	of record to:	Elan Corporatio	n, plc



	Maria J. Church, Esq. Reg. No. 29,908
b. [] An Ass	wer appears in the original papers in the prior application. ociate Power does not appear in the original papers. oower has been executed and is attached.
application until Jur	fee and response has feen filed to extend the term in the pending prior to 7, 1993 (three-month extension of time). of the petition for extension of time in the prior application is attached.
12. [X] Enclosed:	 [X] Three month extension of time to June 7, 1993 for Serial No. 07/786,400, the prior application. [X] Check in the amount of \$840.00 for the three month EOT.
Address all future co	
ATTORNEY: N	
ELAN PHARMACI	Maria J. Church, Esq EUTICAL RESEARCH CORPORATION
ELAN PHARMACI 1300 Gould Drive	EUTICAL RESEARCH CORPORATION
ELAN PHARMACI	EUTICAL RESEARCH CORPORATION
ELAN PHARMACI 1300 Gould Drive Gamesville, GA-305 (404) 534-8239 It is understood that information or acces 37 C.F.R. § 162 app wrapper, the Patent	EUTICAL RESEARCH CORPORATION
ELAN PHARMACI 1300 Gould Drive Gamesville, GA-305 (404) 534-8239 It is understood that information or acces 37 C.F.R. § 162 app wrapper, the Patent	secrecy under 35 U.S.C. § 122 is hereby waived to the extent that if is is available to any one of the applications in the file wrapper of a blication, be it either this application or a prior application in the same fil and Trademark Office may provide similar information or access to all
ELAN PHARMACI 1300 Gould Drive Gamesville, GA-305 (404) 534-8239 It is understood that information or acces 37 C.F.R. § 162 app wrapper, the Patent	secrecy under 35 U.S.C. § 122 is hereby waived to the extent that if is is available to any one of the applications in the file wrapper of a bilication, be it either this application or a prior application in the same fi
ELAN PHARMACI 1300 Gould Drive Gainesville, Ox-A-03 (404) 534-8239 It is understood that information or access 13f Cr.F.R. § 162 app wrapper, the Patent the other application Signature	secrecy under 35 U.S.C. § 122 is hereby waived to the extent that if is is available to any one of the applications in the file wrapper of a bilication, be it either this application or a prior application in the same fi
ELAN PHARMACI 1300 Gould Drive Gamesville, 04-305 (4004) 534-8239 It is understood that information or acces 37 C.F.R. § 162 app wrapper, the Patent the other application Signature Date	secrecy under 35 U.S.C. § 122 is hereby waived to the extent that if so is a vailable to any one of the applications in the file wrapper of a solication, be it either this application or a prior application in the same fi

[] filed under §1.34(a)

CERTIFICATE OF EXPRESS MAILING EXPRESS MAIL NO. IB763595877

The undersigned individual on behalf of applicant, Elan Corporation, plc, hereby certifies that the foregoing continuation application under 37 CFR § 1.62, of prior application Serial No. 07786.400 filed on 11/191, and a check in the amount of \$1,260.00, which represents the filing fee, is being deposited with the United States Postal Service as Express Mail No. 18763595877 in an envelope addressed to:

Honorable Commissioner of Patents and Trademarks Box FWC Washington, D.C. 20231

on this 7th day of Ormer 1993

Doma L. Jackson

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EXHIBIT B

Docket No. 91,1806.US Application sioner of Patents and Trademarks hington, D.C. 20231

NEW APPLICATION TRANSMITTAL

WARNING: Patent must be applied for in the name(s) of all of the actual inventor(s), 37 CFR 1.41(a) and

Transmitted herewith for filing is the patent application of Inventor(s): Joseph Garard Masterson and Michael Myers

For

	CERTIFICATION UNDER 37 CFR 1.10
	Continuation-in-part (CIP)
	Continuation
	Divisional
	one of the following 3 items apply then completa and attach ADDED PAGES FOR NEW APPLICA- ION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED.
	U.S.C. 371(c)(4) unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
ARNIM	Plant 2: Do not use this transmittal for a completion in the U.S. of an International Application under 35
	•
	Design
k⊽t.	Original
his ne	w application is for a(n) (check one applicable item below):
Туре	of Application
	DISEASES
(title):	
	1.53(b).

I hereby certify that this New Application Transmittal and the docum deposited with the United States Postal Service on this date as "Express Mail Post Office to Addressee" Mailing Label Number to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Donna L. Jackson

NOTE: Each paper or fee referred to as enclosed h n has the number of the "Express Mail" mailing label placed thereon prior to mailing, 37 CFR 1 10(b).

Benefit of Price	or U.S. Application(s) (35 USC 120)
case, or who	oplication being transmitted is a divisional, continuation or a continuation-in-part of a pare are the parent case is an International Application which designated the U.S., then chec igner and complete and attach DODED PAGES FOR NEW APPLICATION TRANSMITTA WEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
tion(s) a	w application being transmitted claims the benefit of prior U.S. application and enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
	sed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Reg 153 (Design) Application
_39 Pages of s	pecification
_12 Pages of c	laims
Pages of A	bstract
Sheets of d	drawing
ormal [
X informal	
filing a p smooth, drawing the com	T submit original drawings. A high quality copy of the drawings should be supplied whe submit application. The drawings that are submitted to the Office must be on strong, while and non-striny paper and meet the standards according to § 1.64. If corrections to the are necessary, they should be made to the original drawing and a high-quality copy, are necessary, they should be made to the original drawing and a high-quality copy. comments on proposed new 37 CPS 1.64. Notice of Morty is 1.68 (1950 G. 5.7-82).
number, inve placed in a c edge. Either ferred, of this	notices such as the serial number, group and unit, title of the invention, attorney's docks mindr's name, number of sheets, etc., not to exceed 24' inches (70 cm) in width may centered location between the side adges within three fourths inch (18.1 mm) of the to this marking location between the side adges within three fourths inch (18.1 mm) of the to this marking locationage on the fort of the drawings or the placement, atthough not pre- is information and the title of the invention on the back of the drawings as acceptable." Pro 78 1.44(1), Notice of March 9, 1988 (1900 OC 63. 74) (1900 OC 63. 74).
i. Additional pap	pers enclosed
Prelimin	ary Amendment
Informat	tion Disclosure Statement
Form P1	TO-1449
Citations	ı
-	tion of Biological Deposit
pertainir	sion of "Sequence Listing," computer readable copy and/or amendmen of thereto for biotechnology invention containing nucleotide and/o cid sequence.
Authoriz	ation of Attorney(s) to Accept and Follow Instructions from Representa
Special (Comments
Other	

5. Declar	ration or oath
	Enclosed
	executed by (check all applicable boxes)
	inventor(s).
	legal representative of inventor(s). 37 CFR 1.42 or 1.43
	 joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
	this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.
	Not Enclosed.
WARNING	It Where the filing is a completion in the U.S. of an International Application but where a declaration in oil available or where the completion of the U.S. application contains subject matter in addition to the international Application the application may be treated as a continuation or continuation-in- part, as the case may bis, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE EXHIPTIOF PRICH U.S. APPLICATION CLAIMED.
	Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above named inventor(s). The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently.
NOTE: It	is important that all the correct inventor(s) are named for filling under 37 CFR 1.41(c) and 1.53(b).
	 Showing that the filing is authorized. (Not required unless called into question. 37 CFR 1.41(d).
	torship Statement
WARNING	If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be sub- mitted.
The inve	intorship for all the claims in this application are:
(23)	The same
	or
	Are not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
	is submitted.
	will be submitted.
7. Langu	age .
re by	n application including a signed oath or declaration may be filled in a language other than English. A milled English translation of the non-English language application and the processing fee of \$30.00 quarted by 37 CFR 1.17(h) or inquired to be filled with the application or within such time as may be set the Office. 37 CFR 1.52(d).
	non-English oath or declaration in the form provided or approved by the PTO need not be translated. "CFR 1 69(b).
XX.	English
	non-English
	the attached translation is a verified translation. 37 CFR 1.52(d).

is attached. Xi will follow.				
X will follow.				
NOTE: "If an assignment is submit	ted with a new application, send L'' Notice of May 4, 1990 (1114).		one for the	e applicatio
9. Certified Copy	. House of may 4, 1980 (1114	D.G. 77-76y.		
Certified copy(ies) of applical	tion(s)			
Ireland	3952/90	Novembe	r 2, 19	90
(country)	(appln. no.)			(filed)
(country)	(appin. no.)			(filed)
(country)	(appin. no.)			(filed)
from which priority is claimed				
	separate "ASSIGNMENT APPLICATION" is also at		R ACC	OMPANY
will follow.				
NOTE: The foreign application form declaration. 37 CFR 1.55(a	ming the basis for the claim for t) and 1.63.	priority must be refe	erred to in	the oath o
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ment, prior to the expiration of the time period set for response by the Patent and Trademark Office in

Filing Fee Calculation

any notice of fee deficiency 37 CFR 1 16(d).

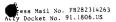
(Application Transmittal [4-1]-page 4 of 7)

s_1,130.00

B. Design application (\$250.00—37 CFR 1.16(f))	
Filing Fee Calculation	\$
C. Plant application	
(\$420.00—37 CFR 1.16(g))	
Filing fee calculation	\$
11. Small Entity Statement(a)	
Venified Statement(s) that this is a liling by a small 1.27 is(are) attached.	entity under 37 CFR 1.9 and
Filing Fee Calculation (50% of A, B or C above)	\$
NOTE: Any excess of the full fee paid will be refunded if a verified state within 2 months of the date of timely payment of a full fee. 37 CFR	
12. Request for international-Type Search (37 CFR 1.104	(d)) (complete, if applicable)
Please prepare an international-type search repo time when national examination on the merits takes	
13. Fee Payment Being Made At This Time	
☐ Not Enclosed	
No filing fee is to be paid at this time. (This a. 37 CFR 1.16(e) can be paid subsequently.)	nd the surcharge required by
X Enclosed	
X basic filing fee	s_1,130.00
recording assignment (\$8.00; 37 CFR 1.21(h))	\$
petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$120.00; 37 CFR 1.47 and 1.17(h))	\$
for processing an application with a specification in a non-English language. (\$30.00; 37 CFR 1.52(d) and 1.17(k)	s
processing and retention fee (\$120.00; 37 CFR 1.53(d) and 1.21(l))	
fee for international-type search report (\$30.00; 37 CFR 1.21(e)).	\$
NOTE: 37 CFR 121(f) establishes a fee for processing and retaining any raising to complete the application pursuant to 37 CFR 1.53(d) and CFR 1.53 and 178, indicate that in order to obtain the benefit of a see filing fee must be paid or the processing and retention fee of § from notification under § 33(d).	I this, as well as the changes to 37 prior U.S. application, either the ba-
Total fees enclosed	1 ,130.00

(Application Transmittal [4-1]—page 5 of 7)

14. Method of Payment of Fees
Check in the amount of \$ 1,130.00
Charge Account No in the amount of \$ A duplicate of this transmittal is attached.
NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid, 37 CFR 1.22(b).
15. Authorization to Charge Additional Fees
WARNING: If no less are to be paid on filing the following items should not be completed
WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.
The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 05-06/0
37 CFR 1.16(a), (f) or (g) (filing fees)
37 CFR 1.16(b), (c) and (d) (presentation of extra claims)
NOTE. Because additional fees for excess or multiple dependent claims not paid on filing or on later presenta- tion must only be paid or frees claims cancelled by amendment pain to the expiration of the time pen- od set for response by the PTO in any notice of led deficiency (37 CFR 11 (FIG)), it might be best not to authoritie the PTO to charge additional claim fees, except possibly when dealing with amendments at- ter first action.
37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
37 CFR 1.17 (application processing fees)
WARNING: While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under \$ 1.136(a) this authorization should be made only with the knowledge that: "Submission of the appropriate extension fee under 37 C.F.R. 1.136(a) is to no avail unless a request or petition for extension is filed." (Emphasia added), Notice of November 5; 1985 (1060 O.G. 27).
37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))
NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at tha time of mailing the notice of allowance 3 TCRT 3.31(b).
NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filled in the application prior to paying, or at the time of paying, issue fee". From the wording of 37 CFR 1.28(b), (a) notication of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.
16. Instructions As To Overpayment
☑ credit Account No. 05-0670
refund
Reg. No. 29,908 301 SIGNATURE OF A PORNEY
GO/ MARLA J. CHURCH
Type or print name of attorney 6(12 Elan Pharmaceutical Research Corporation
7 04 Address 1300 Gould Drive 701 Gainesville, Georgia 30504
(Application Transmittal [4-1]—page 6 of 7)



	Incor	poration by reference of added pages
		Check the following item if the application in this transmittal claims the ben- iff of prior U.S. application(s) (including an international application enter- ing the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED
		Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s) Claimed
		Number of pages added
		Plus Added Pages For Papers Referred To In Item 4 Above
		Number of pages added
		Plus "Assignment Cover Letter Accompanying New Application"
		Number of pages added
KX	State	ment Where No Further Pages Added
		(If no further pages form a part of this Transmittal then end this Transmittal with this page and check the following item)
	KXI	This transmittal ends with this page.

EXHIBIT C



93.1806C.US

THE LINE STATES PATENT AND TRADEMARK OFFICE

/ IN 1	WARE SILV	ILS PAILER AND THE
1		Anticipated Classification of this application:
77.	TILL	Class 424 Subclass
_		Prior application:
		Exeminer: C. Azpuru
		Art Unit: 1502
Box Patent a Commission Washington,	er of Patents and	Trademarks
	TRANSMITTAL	OF FILING UNDER 37 CFR 1.60(b)
wanted.	A c-i-o (continuation-in	-part) cannot be filed under 37 CFR 1.80.
WARMING	Filing under 37 CFR 1.60 in the prior application.	0 is permitted only if filed by the same or less than all the inventors named 37 CFR 1.80(b)(3).
	nette or declaration, 37	ion at the United States stage of an International Application requires at CFR 1.61(a)(4).
WARNING	of the new application a	application may be finally rejected in the first Office action where all claims re-drawn to the same invention claimed in the earlier application and would ally rejected on the grounds or at of record in the next Office action I in the earlier application. MPEP § 708.07(b).
This is a r	equest for filing a	
	continuation	
a c	ivisional	
		of pending prior application
Serial No. 0	8/ 073.651	filed on
of Jose	ph Gerard Maste	rson and Michael Myers
01		(Inventor(s))
forFor	nulations and th	heir use in the treatment of (Title of invention)
neu	rological diseas	ses"

CERTIFICATION UNDER 37 CFR 1.10

Thereby certify that this 37 CFR 1.60 request and the documents referred to as attached therein are being deposited with the United States Postal Service on this date <u>October 21, 1994</u> in an envelope as "Express Mail Post Office to Addresses" service under 37 CFR 1.10, Mailing Label Number FF988211032US addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231. Donna L. Jackson

•	type or	print	name of person	mailing	peper)	
	0			1	0	-
,	1	20	$\alpha \alpha$	1/2	سعطت	\sim
v	(Siene	ture	of person ma	دم وأنوأت	(

NOTE: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. (37 CFR 1.10(b)).

WARNINGs Contribute of making first class) or facabrille transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

(37 CFR 1.60(b) [4-3]-page 1 of 8)

- NOTE: 37 CFR 1.60 permits the omission of a declaration only if the prior application was complete as set forth in 37 CFR 1.51(a), namely, the prior application comprised at least (1) a specification, including a claim or claims; (2) a declaration; (3) drawings when necessary; and (4) the prescribed filing fee. Accordingly, as presently worded, 37 CFR 1.60 does not permit this procedure to be used where the prior application is pending but only the processing and retention fee required by 37 CFR 1.21(f) is paid or where the declaration was not filed.
- 1. Copy of Prior Application as Filed Which is Attached
- NOTE: Under 37 CFR 1.60, practice signing and execution of the application by the applicant may be omitted provided the copy is supplied by and accompanied by a statement by the applicant or his or her attorney or agent that the application papers comprise a true copy of the prior application as filed and that no amendments referred to in the declaration filed to complete the prior application introduced new matter therein.
- NOTE: This statement need not be verified if made by an attorney registered to practice before the PTO. (37 CFR 1.60(bl).
 - I hereby verify that the attached papers are a true copy of what is shown in my above identified prior application, including the oath or declara-

	tion originally filed (37 CFR 1.60).
he co	by of the papers of prior application as filed which are attached are as follows:
₩	page(s) of specification
1	12 page(s) of claims
7	page(s) of abstract
1	sheet(s) of drawing
	(also complete part 6 below if drawings are to be transferred)
₩	
_	(If the copy of the declaration being filed does not show applicant's signature, because the attorney's records do not contain a copy of the signed declaration actually filed for the application, indicate thereon that it was signed and complete the following:)
	 in accordance with the indication required by 37 CFR 60(b), my records reflect that the original signed declaration showing appli- cant's signature was filed on
配	the amendment referred to in the declaration filed to complete the prior application and I hereby state, in accordance with the requirements of 37 CFR 1 60/b). That this amendment did not introduce new matter therein.

2. Amendments

WARNING: "The claim of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds or art of record in the next Office action if they had been entered in the earlier application." MPEP 6 706.07(b).

▼ Cancel in this application original claims 1-37 application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

- A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- NOTE: Only amendments reducing the number of claims or adding a reference to the prior application (Rule 1.78(a)) will be entered before calculating the filling fee and granting the filling date. 37 CFR 1.60(b).
- NOTE: "When filing under Rule 1.60 retain at least one original claim from the patent application to assure a complete application." Notice of March 3, 1986 (1064 O.G. 37-38).
- 3. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment
- NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental cala is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary).

(check the next item, if applicable)

- There is provided herewith a Petition To Suspend Prosecution For The Time Necessary to File An Amendment (New Application Filed Concurrently).
- 4. Information Disclosure Statement

(check this item, if applicable)

- An information disclosure statement is submitted herewith.
- 5. Fee Calculation (37 CFR 1.16)

	CLAII	MS AS FILED		
Number filed	Num	ber Extra	Rate	Basic Fee 37 CFR 1.16(a) \$7±9.99 730.00
Total Claims (37 CFR 1.16(c))	8 -20=	×	\$ 22.00	-0-
Independent Claims (37 CFR 1.16(b))	1 -3=	×	S 76±00	-0-
Multiple dependent claim(s). (37 CFR 1.16(d))	ifany O	+	\$230.00	-0-

Fee for extra claims is not being paid at this time. (37 CFR 1.16(d))

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment,

 If the fees for extra claims are not paid on filling they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency. 37 CFR 1.16(d).

Filing Fee Calculation \$_730.00

6. Small Entity Status

A verified statement that this filing is by a small entity:

☐ is attached

has been filed in the parent application and such status is still proper and desired (37 CFR 1.28(a))

Filing Fee Calculation (50% of above) \$______

NOTE: Any excess of the full fee paid will be refunded if a verified statement is filed within 2 months of the date of timely payment of a full fee then the excess fee paid will be refunded on request. 37 CFR 1.28(a).

(37 CFR 1.60(b) [4-3]-page 3 of 8)

2.7	CFR 1,28(a), last sentence states: "Applications filed under § 1.60 or § 1.62 of this part must include elemence to a verified statement in a parent application if status as a small entity is still proper and sired."
7. Drawin	gs
T	Drawings are enclosed
	☐ formal
	☑ informal
WARNING	22. OO NOT submit original drawings. A high quality copy of drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shirty paper and meet the standards of § 1,8.4. If corrections to the drawings an in-accessing, they should be made to the original drawings and a high-quality copy of the corrected original drawing than submitted to the Office, only one copy is required or deemed. Comments on proposed new 27 CER 1,84. Notice of March 9, 1986 (1989 O.G. 57-50).
im th	isentifying indicts, if provided, should include the application number or the title of the invention, rentor's name, docted number (if any), and the name and iselphone number of a person to call if so dince is unable to match the dewenge to the proper application. This information should be placed in the back of each sheet of drawing a minimum distance of 1.5 cm, (3/8 inch) down from the top the pages "3.7 CR, 1.44(q).
8. Priority	∕–35 U.S.C. 119
₩	Priority of application Serial No. 0xx/ 3952/90 filed on No. 0xx/ 17e1and is claimed under 35 U.S.C. 119. (country)
	The certified copy has been filed in prior U.S. application Serial No. 0.7/_786,400on11/1/91
	☐ The certified copy will follow.
9. Relate	Back—35 U.S.C. 120
	Amend the specification by inserting before the first line the sentence:
	"This is a
	continuation
	divisional
	of copending application(s)
	of copending application(s) Serial number 0.7/786.400filed on 11/1/91
	International Application filed on and which designated the U.S."
NOTE: T	he proper reference to a prior filed PCT application which entered the U.S. national phase is the U.S. erail number and the filing date of the PCT application which designated the U.S.
	ntorship Statement
a	The continuation or divisional application is filed by less than all the inventors named in the prior pplication a statement must accompany the application when filed requesting deletion of the names of the person or persons who are not inventors of the inventors being claimed in the continuation or visional application. 37 CFR 1:60b) (emphasis addied).

(37 CFR 1.60(b) [4-3]—page 4 of 8)

43

(complete appropriate items (a) and (b))

(a)	Witt	respect to the prior copending U.S. application from which this application claims benefit under 35 USC 120 the inventor(s) in this application is (are):							
	(complete applicable item below)								
		Ī	the same						
			less than those named in the prior application and following inventor(s) identified above for the prior	it is requested that the application be deleted:					
			(type name(s) of inventor(s) to be deleted)						
(b)	The	inve	entorship for all the claims in this application are						
			the same						
			not the same, and an explanation, including the claims at the time the last claimed invention was	wnership of the various made, is submitted.					
11.	Assig	gnme	ent						
	•	The	prior application is assigned of record to Elan Corporation, plc						
An assignment of the invention to									
		AC atta	attached. A separate "COVER SHEET FOR ASSI COMPANYING NEW PATENT APPLICATION" or ached.	FORM PTO 1595 is also					
NOT	E: 1	if an a Indion	assignment is submitted with a new application, send two separate the for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78	letters - one for the application).					
NO		state	an assignee files a divisional application (under 1.60 ment filed under 37 CFR 3.73(b) in the parent application, or a c lotice of April 30, 1993, 1150 O.G. 62-64.) reference may be made to copy of that statement may be					
12.	Fee	Payr	ment Being Made At This Time						
		No	t Enclosed						
			No filing fee is submitted. (This and the surcharge re can be paid subsequently).	quired by 37 CFR 1.16(e)					
		En	closed						
		•	basic filing fee	\$730.00					
			recording assignment (\$40.00; 37 CFR 1.21(h)) (See attached "COVER SHEET FOR AS-SIGNMENT ACCOMPANYING NEW PATENT APPLICATION".)						
			processing and retention fee (\$130.00; 37 CFR 1.53(d) and 1.21(l))	\$					

NOTE: 37 CFR 1.216 establishes a fee for processing and retaining any application which is abandoned for falling to complete the application pursuant to 37 CFR 1.53(s) and this, as well as the changes to 37 CFR 1.53 and 1.78 indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid or else the processing and retention fee of § 1.21(f) must be paid within 1 year from notification under § 53(d).

Total fees enclosed \$_730.00

13.	Met	nod	of Payment of Fees
	=	En	closed is a check in the amount of \$_730.00
			arge Account No in the amount of \$
	_	A	duplicate of this request is attached.
NOT		22(b	thould be itemized in such a manner that is clear for which purpose the fees are paid. 37 CFR.
14.	Auth	oriz	ation To Charge Additional Fees
WA	RNII	va:	If no fees are being paid on filling do not complete this item.
WA	RNII		Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges If extra claim charges are authorized.
	3	wt	e Commissioner is hereby authorized to charge the following additional fees lich may be required by this paper and during the entire pendency of the pleation to Account No
			37 CFR 1.16 (a), (f) or (g) (filing fees)
			37 CFR 1.16 (b), (c) and (d) (presentation of extra claims)
NO		must o	iss additional fees for access or multiple dependent claims not past on filling or on later presentation why be past or these claims cancelled by amendment prior to the expraistion of the time period ir response by the PTD in any notice of the deficiency (37 CPR 1.16(d) it might be best not to tag the PTD to charge additional claim fees, accept possibly when dealing with amendments after citin.
		T	37 CFR 1.17 (application processing fees)
WA	LRNI	NG:	While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under § 1.138(a) this authorization should be made only with the knowledge that "Submission of the appropriate extension fee under 37 CFR 1.136(a) is to no availulate a request or petition for extension is filed." [emphasis added]. Notice of November 5, 1985 (1060 O.G. 27).
			37 CFR 1.18 (issue fee at or before mailing Notice of Allowance, pursuant to 37 CFR 1.311(b)).
NO		of a N	an authorization to charge the issue fee to a deposit account has been filed before the mailing folice of Allowance, the issue fee will be authoritically charged to the deposit account at the time lining the notice of allowance, 37 CFR 1311(b).
NO		entity fee." the fe	TR 1.286) requires "Notification of any change in status resulting in loss of entitlement to small status must be filed in the application
15.	Pov	ver o	of Attorney
		Th	ne power of attorney in the prior application is to
		Ma	arla J. Church, Esq. 29,908
	(Atto	rney	(Reg. No.)
a.	X	T	ne power appears in the original papers in the prior application.
b.			nce the power does not appear in the original papers, a copy of the power the prior application is enclosed.
c.		A	new power has been executed and is attached.
d.	X	A	ddress all future communications to Marla J. Church, Esq., Elan Pharmaceutical
		<u>Re</u> Ga	search Corp., 1300 Gould Dr., inesville, GA 30504; (37 CFR 1.60(b) [4-3]—page 6 of 8)

(item d may only be completed by applicant, or attorney or agent of record)

۱6.	Maintenance	of	Copendency	of	Prior	Application
-----	-------------	----	------------	----	-------	-------------

(This item must be completed and the papers filed in the prior application if the period set in the prior application has run.)

set in the prior application has run.)
The 1ssue fee has been paid The period to extend the term in the pending prior application until 1ssuance
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term to response is filed with the papers constituting the filing of the Continuation Application. Notice o November 5, 1985 (1980 G.G. 27).
A copy of the petition for extension of time in the prior application is attached.
7. Conditional Petition for Extension of Time in Prior Application
(complete this item and file conditional petition in the prior application if previous item not applicable)
 A conditional petition for extension of time is being filed in the pending parent application.
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the paper constituting the filing of the continuation application. Notice of Novembe 5, 1985 (1960 O.G. 27).
 A copy of the conditional petition for extension of time in the prior application is attached.
8. Abandonment of Prior Application (if applicable)
WARNING: (Do not complete this item if the application being filed is a divisional of the prior application which is not being abandoned)
NOTE: "A registered attorney or agent acting under the provisions of § 1.34(a), or of record, may also expressly abandon a prior application as of the filing date granted to a continuing application when filing such a continuing application." 37 CFR 1.138.
Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted and when this application is granted a filing date so as to make this application copending with said prior application.
19. Notification in Parent Application of the Filing of This Continuation Application
 A notification of the filing of this continuation is being filed in the parent application from which this application claims priority under 35 USC § 120.
20. Statement by Assignee (if applicable)
In accordance with 37 CFR 3.73, I have reviewed the evidentiary documents establishing my/our ownership of the application identified herein, and certify that to the best of my/our knowledge and belief, title is with me/us who seek to take action
 Assignment submitted herewith for recordal

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilfful false statements and the

(37 CFR 1.60(b) [4-3]-page 7 of 8)

like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent is susing thereon.

	Marla J. Church						
	(type or pant name of person signing declaration)						
October 21, 1994	Illada VI llich						
ELAN PHARMACEUTICAL RESEARCH	CORP.						
(P.O. Address of Signatory) 1300 Gould Drive	U						
Gainesville, GA 30504	Inventor Assignee of complete interest Person authorized to sign on behalf of assignee						
TeL No. :(404) 534-8239 Reg. No. <u>29,908</u> (if applicable)	☑ Attorney or agent of record ☐ Filed under Rule 34(a)						
(complete the	e following if applicable)						
Elan Corporation, plc	Corporate Patent Counsel						
(Type name of assignee)	(Title of person authorized to sign on behalf						
Monksland, Athlone,	of assignee)						
Co. Westmeath, Ireland							
(Address of assignee)	Assignment recorded in PTO on 12/17/91						
	Reel <u>5960</u> Frame <u>0060</u>						
The statement under 37 CFR 3.73(b)							
nas been filed in the parent	application.						
a copy of the statement pre	eviously filed in the parent application is attached.						

EXHIBIT D

US005370879A

United States Patent [19]

Masterson et al.

[11] Patent Number: Date of Patent:

5.370.879 Dec. 6, 1994

[54] FORMULATIONS AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISEASES

[75] Inventors: Joseph G. Masterson, London. United Kingdom; Michael Myers,

Athlone, Ireland Elan Corporation, plc, Athlone,

[73] Assignee: Ireland

[21] Appl. No.: 73,651

[22] Filed: Jun. 7, 1993

Related U.S. Application Data

[63] Continuation of Ser. No. 786,400, Nov. 1, 1991, aban-

[30] Foreign Application Priority Data Feb. 11, 1990 [IE] Ireland 1957/90

[51] Int. Cl.5 A61K 9/16; A61K 9/50; A61K 9/62: A61K 9/70 [52] U.S. CL 424/490; 424/445; 424/449; 424/451; 424/452; 424/458; 424/460;

424/461; 424/464; 424/465; 424/474; 424/475; 424/480; 424/484; 424/489; 424/494; 424/495; 424/497; 424/498; 424/499

[58] Field of Search . 424/445, 449, 451, 452, 424/458, 460, 461, 464, 465, 474, 475, 499, 480, 484, 489, 490, 494, 495, 497, 498

References Cited

[56] U.S. PATENT DOCUMENTS

4,386,095	5/1983	Gibson et al.	514/352
4,562,196	12/1985	Horn et al.	514/332
4,721,619	1/1988	Panoz et al.	424/459
4,894,240		Geoghegan et al	424/497
4,946,853	8/1990	Bannon et al	514/343

FOREIGN PATENT DOCUMENTS

0117027 1/1984 European Pat. Off. A61M 37/00 0113562 7/1984 European Pat. Off. A61M 37/00

0156077 10/1985 European Pat. Off. A61K 9/54 0325843 8/1989 European Pat. Off. A61K 9/54

OTHER PUBLICATIONS

"4-Aminopyridine Tablets; a Method for the Preparation [and] in vitro and in vivo Studies". Uges et al., Pharm. Acta Helu., 57(4) pp. 122-128, 1982, Abstract. "4-Aminopyridine in the Treatment of Alzheimer's Disease", Davidson et al., Biol. Psychiatry 23(5), 1988, pp. 485-490.

4-Aminopyridine Improves Clinical Signs in Multiple Sclerosis", Stefoski et al, Ann. Neurol 21(1), 1987, pp. 71-77.

Barker, S. & Branford, D.; Pharm. Journal, Jan. 26, 1991, pp. 116-118.
Bever, C. T. Jr; Leslie, J.; Camenga, D. L.; Panitch,

H.S.; and Johnson, K. P., Ann. Neurol. 27(4), pp. 421-427 (Apr. 1990).

Wesseling et al., N. Eng. J. of Med. 310 (15), pp. 988-989 (Apr. 1984).

Primary Examiner-Thurman K. Page Assistant Examiner-Carlos Azpuru Attorney, Agent, or Firm-Marla J. Church

Pharmaceutical formulations comprise a mono- or diaminopyridine active agent for administration on a once- or twice-daily basis for use in the treatment of neurological diseases, in particular multiple sclerosis and Alzheimer's disease. The formulations, which are suitable for oral or percutaneous administration of the active agent, include the active agent in a carrier effective to permit release of the mono- or di-aminopyridine at a rate allowing controlled absorption thereof over, on the average, not less than a 12 hour period and at a rate sufficient to achieve therapeutically effective blood levels over a period of 12-24 hours following administration.

27 Claims, 1 Drawing Sheet

